

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 1043-PCT-98	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form-PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/US 98/ 10102	International filing date (day/month/year) 14/05/1998	(Earliest) Priority Date (day/month/year) 15/05/1997
Applicant MAGUIRE PRODUCTS, INC.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. ☐ Certain claims were found unsearchable (see Box I).

2. ☐ Unity of invention is lacking (see Box II).

3. ☐ The international application contains disclosure of a nucleotide and/or amino acid sequence listing and the international search was carried out on the basis of the sequence listing

☐ filed with the international application.

☐ furnished by the applicant separately from the international application,

☐ but not accompanied by a statement to the effect that it did not include matter going beyond the disclosure in the international application as filed.

☐ Transcribed by this Authority

4. With regard to the title, ☒ the text is approved as submitted by the applicant

☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☒ the text is approved as submitted by the applicant

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this International Search Report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is:

Figure No. 1 ☒ as suggested by the applicant.

☐ None of the figures.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

According to International Patent Classification(IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 B29B B28C B01F G05D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X ✓	US 4 525 071 A (HOROWITZ FRANKLIN B ET AL) 25 June 1985 see column 1, line 59; figure 1 see column 2, line 10 see column 5, line 5-11 see column 6, line 55-68 ---	1-13
X ✓	DE 43 23 295 C (HAMM MANFRED R DR) 9 February 1995 see column 3, line 25; claim 1; figure 1 see column 3, line 30 see column 3, line 51 ---	1-13
X ✓	EP 0 743 149 A (ARWO BV) 20 November 1996 see line 37-43 --- -/-	2-8

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

3 July 1998

Date of mailing of the international search report

07/08/1998

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Kofoed, J

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X -	EP 0 587 085 A (IHDE STEFAN KLAUS ALFRED) 16 March 1994 see page 7, column 5-11; claims 11,14,12; figure 1 -----	1-13
A -	US 3 959 636 A (JOHNSON BERNARD A ET AL) 25 May 1976 see column 1, line 1-32; figure 1 -----	
A -	US 4 850 703 A (HANAOKA KAZUNARI ET AL) 25 July 1989 -----	
A -	US 4 581 704 A (MITSUKAWA ZENDO) 8 April 1986 see figure 4 -----	
A -	US 4 705 083 A (ROSSETTI EDOARDO) 10 November 1987 see column 4, line 52-56 -----	
A -	DE 39 23 241 A (REIMELT DIETRICH KG) 24 January 1991 see claim 1 -----	

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4525071 A	25-06-1985	NONE	
DE 4323295 C	09-02-1995	WO 9502387 A	26-01-1995
EP 0743149 A	20-11-1996	NL 1000379 C	19-11-1996
EP 0587085 A	16-03-1994	DE 4302085 C	21-07-1994
		DE 9212249 U	19-11-1992
		JP 6277231 A	04-10-1994
US 3959636 A	25-05-1976	GB 1502715 A	01-03-1978
US 4850703 A	25-07-1989	JP 1595321 C	27-12-1990
		JP 2014094 B	06-04-1990
		JP 61216721 A	26-09-1986
US 4581704 A	08-04-1986	JP 60002531 A	08-01-1985
		JP 1023171 B	01-05-1989
		JP 1539492 C	16-01-1990
		JP 59105827 A	19-06-1984
		AU 540651 B	29-11-1984
		AU 2211583 A	21-06-1984
		CH 662289 A	30-09-1987
		DE 3344456 A	14-06-1984
		GB 2133304 A,B	25-07-1984
		IN 160116 A	27-06-1987
US 4705083 A	10-11-1987	CA 1254973 A	30-05-1989
		DK 270186 A	07-08-1986
		WO 8602320 A	24-04-1986
		EP 0198856 A	29-10-1986
		FI 862502 A,B	11-06-1986
DE 3923241 A	24-01-1991	NONE	